

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of the claims in the application:

**Listing of Claims:**

1. (Original) A networked health-monitoring system, comprising:
  - i) a plurality of remote patient sites, each site including
    - at least one display;
    - a data management unit configured to facilitate collection of patient health-related data;
    - a memory; and
    - stored program instructions for generating health-monitoring related information on the display; and
  - ii) at least one central server connectable for communication with the data management unit at each patient site,

wherein the system is configured to transmit at least one message for display on at least one display and in which at least one message is a health care professional selected message.

2. (Original) The system of claim 1, wherein the message includes step-by-step instructions.
3. (Original) The system of claim 1, wherein the message includes results of a test.
4. (Original) The system of claim 1, wherein the message is a multi-line message.
5. (Original) The system of claim 1 wherein the health-care professional generates the selected message.
6. (Original) The system of claim 1, wherein the message is educational or motivational.

7. (Original) The system of claim 1, wherein the system is configured to transmit the message to a specific patient.
8. (Currently Amended) The system of claim 7, wherein the system is configured to transmit the at least one message[[s]] automatically to the patient.
9. (Original) The system of claim 7, wherein the system enables the patient to choose when to receive the message.
10. (Original) The system of claim 7, wherein the messages can be stored before being transmitted to the patient.
11. (Currently Amended) The system of claim 1, further comprising at least one health-monitoring device configured[[]]
  - i) to monitor at least one patient health condition at at least one remote patient site; and
  - ii) to communicate data related to the monitored condition to the central server.
12. (Original) The system of claim 11, wherein the data management unit facilitates collection of health-related data by receiving data related to the monitored condition from at least one of the health-monitoring devices.
13. (Original) The system of claim 11, wherein at least one of the health-monitoring devices includes one or more of the set consisting of
  - i) a blood glucose monitor;
  - ii) a peak flow meter;
  - iii) a blood pressure monitor;
  - iv) a pulse monitor; and
  - v) a body temperature monitor.

14. (Original) The system of claim 1, wherein the data management unit is configured to facilitate collection of health-related data entered by a patient at the remote patient site using buttons, keys or switches.
15. (Original) The system of claim 11, wherein the data management unit is physically separate from the display.
16. (Original) The system of claim 15, wherein the memory and the display form a part of one of the health-monitoring devices.
17. (Original) The system of claim 16, wherein the display is in a handheld device.
18. (Original) The system of claim 17, wherein the handheld device is capable of displaying pictorial health-monitoring related information.
19. (Original) The system of claim 18, wherein the handheld device is capable of displaying animated health-monitoring related information.
20. (Currently Amended) The system of claim 19, wherein the memory is a program cartridge.
21. (Original) The system of claim 1, wherein the remote sites further include at least one personal computer connected to the data management unit.
22. (Original) The system of claim 1, wherein the system generates at least one report based on the patient health-related data collected at the remote patient sites.
23. (Original) The system of claim 22, further comprising at least one health care professional computer, remotely located from and in signal communication with the central server to receive the reports.

24. (Original) The system of claim 22, wherein the report is standardized.
25. (Original) The system of claim 24, wherein the system is configured to allow a health care professional to select which of a plurality of standardized reports is produced.
26. (Original) The system of claim 22, wherein the report uses graphs and/or icons.
27. (Original) The system of claim 24,- wherein the server can generate the report.
28. (Original) The system of claim 22, wherein the report can be generated periodically.
29. (Original) The system of claim 22, wherein the system is configured to cause the presentation of at least one report on the display at a remote patient site.
30. (Original) The system of claim 22, wherein the system can display statistical and/or trend information.
31. (Original) The system of claim 30, wherein the system can display statistical or trend information to a patient.
32. (Original) The system of claim 24, wherein the report includes information data for a period of time.
33. (Currently Amended) The system of claim 1, wherein the system is configured to allow the patient to control the display of information using at least one ~~using~~ menu.
34. (Currently Amended) The system of claim 33, wherein the system is configured to allow the patient to select anyone of the operational modes from the set consisting of:
  - i) a display mode for displaying relevant information;
  - ii) an input mode for providing information; and

- iii) a communications mode for establishing a link with the central server.
- 35. (Original) The system of claim 33, wherein the menu allows a patient to select a monitoring mode in which a health-monitoring device is used to monitor at least one patient health condition at at least one remote patient site; and to communicate data related to the monitored condition to the central server.
  - 36. (Original) The system of claim 33, wherein the menu allows a patient to display messages or instructions from a health care professional.
  - 37. (Currently Amended) The system of claim 1, wherein the system is configured to allow the patient to respond to information on the display by using a cursor or other indicator positioned at a selected item.
  - 38. (Original) The system of claim 1, wherein the system is configured to enable programs to be provided from the server for storage in a memory and execution at a remote patient site.
  - 39. (Original) The system of claim 1, wherein the patient can indicate user experienced symptoms to the system.
  - 40. (Original) The system of claim 1, wherein the system can capture quantitative measurements.
  - 41. (Original) The system of claim 40, wherein the collected patient health-related data includes time data.
  - 42. (Original) The system of claim 37, wherein the system can capture medication data.
  - 43. (Original) The system of claim 22, wherein the healthcare professional computer

receives the report after transmitting an authorization code to the server that identifies an associated healthcare professional as an authorized user.

44. (Currently Amended) A method comprising:
- i)- at a plurality of remote patient sites,
    - facilitating collection of patient health-related data using a data management unit;
    - using stored program instructions to generate health- monitoring related information on at least one display; and
    - collecting patient-health related data
  - ii)- connecting at least one central server for communication with the data management units at the patient site and
  - iii)- transmitting message for display on at least one display in which at least one message is a health care professional selected message.
45. (Original) The method of claim 44, wherein the message includes step-by-step instructions.
46. (Original) The method of claim 44, wherein the message includes results of a test.
47. (Original) The method of claim 44, wherein the message is a multi-line message.
48. (Original) The method of claim 44, wherein the health-care professional generates the selected message.
49. (Original) The method of claim 44, wherein at least one message is educational or motivational.
50. (Original) The method of claim 44, wherein the message is transmitted to a specific patient.

51. (Original) The method of claim 50, wherein the message is transmitted automatically to the patient.
52. (Original) The method of claim 50, wherein the message is transmitted to the patient when the patient chooses.
53. (Original) The method of claim 50, wherein the message is stored before being transmitted to the patient.
54. (Currently Amended) The method of claim 44, further comprising using at least one health-monitoring device[[]]
- ~~i)-~~ to monitor at least one patient health condition at at least one remote patient site; and
  - ~~ii)-~~ to communicate data related to the monitored condition to the central server.
55. (Original) The method of claim 54, wherein the data management unit facilitates collection of health-related data by receiving data related to the monitored condition from at least one of the health-monitoring devices.
56. (Currently Amended) The method of claim 54, wherein at least one health-monitoring device includes one or more of the set consisting of
- ~~i)-~~ a blood glucose monitor;
  - ~~ii)-~~ a peak flow meter;
  - ~~iii)-~~ a blood pressure monitor;
  - ~~iv)-~~ a pulse monitor; and
  - ~~iv)-~~ a body temperature monitor.
57. (Original) The method of claim 44, wherein the data management unit is configured to facilitate collection of health-related data entered by a patient at the remote patient site using buttons, keys or switches.

58. (Original) The method of claim 54, wherein the data management unit is physically separate from the display.
59. (Currently Amended) The method of claim 58, wherein the memory and the display form a part of [[in]] at least one of the health-monitoring devices.
60. (Original) The method of claim 59, wherein the display is in a handheld device.
61. (Original) The method of claim 59, further comprising displaying pictorial health-monitoring related information on the handheld devices.
62. (Original) The method of claim 61, further comprising displaying animated health-monitoring related information on the handheld devices.
63. (Original) The method of claim 61, wherein the memory is a program cartridge.
64. (Original) The method of claim 44, further comprising connecting at least one personal computer to the data management unit.
65. (Original) The method of claim 44, further comprising generating at least one report based on the patient health-related data collected at the remote patient sites.
66. (Original) The method of claim 65, further comprising remotely locating and connecting a professional computer in signal communication with the central server to receive the report.
67. (Original) The method of claim 65, wherein the report is standardized.
68. (Original) The method of claim 67, wherein a health care professional selects which of a plurality of standardized reports is produced.



69. (Original) The method of claim 65, wherein the report uses graphs and/or icons.
70. (Original) The method of claim 65, wherein the report is generated periodically.
71. (Original) The method of claim 65, wherein the server generates the report.
72. (Original) The method of claim 65, further comprising displaying the report on a display at a remote patient site.
73. (Original) The method of claim 65, further comprising displaying statistical and/or trend information.
74. (Original) The method of claim 73, further comprising displaying statistical or trend information to a patient.
75. (Original) The method of claim 65, wherein the report includes information data for a period of time.
76. (Original) The method of claim 44, further comprising allowing the patient to control the display of information using at least one menu.
77. (Currently Amended) The method of claim 76, wherein the menu allows a patient to select anyone of the operational modes from the set consisting of:
  - i)- a display mode for displaying relevant information;
  - ii)- an input mode for providing information; and
  - iii)- a communications mode for establishing a link with the central server.
78. (Original) The method of claim 76, wherein the menu allows a patient to select a monitoring mode in which a health-monitoring device is used to monitor at least one patient health condition at at least one remote patient site; and to

communicate data related to the monitored condition to the central server.

79. (Original) The method of claim 76, wherein the menu allows a patient to display messages or instructions from a health care professional.
80. (Original) The method of claim 44, wherein the patient responds to information on the display by using a cursor or other indicator positioned at a selected item.
81. (Currently Amended) The method of claim 44, further comprising
  - i) providing programs from the server to a remote patient site; and
  - ii) storing in a memory and executing [[of]] the programs at the remote patient site.
82. (Original) The method of claim 44, wherein the patient indicates user experienced symptoms to the system.
83. (Original) The method of claim 44, further comprising capturing quantitative measurements.
84. (Original) The method of claim 83, further comprising capturing medication data.
85. (Original) The method of claim 83, wherein the collected patient health-related data includes time data.
86. (Original) The method of claim 44, further comprising receiving the report after transmitting an authorization code to the server that identifies an associated healthcare professional as an authorized user.
87. (Original) A networked health-monitoring system configured to collect and process patient health-related data, comprising:
  - i) a plurality of remote patient sites, each site including

- means for displaying information;
  - a data management unit means for facilitating collection of patient health-related data;
  - a memory means; and
  - a stored program means for generating health-monitoring related information on the display;
- ii) at least one central server means connectable for communication with the data management unit at each patient site; and
- iii) means for transmitting messages for display on at least one display and in which at least one of the messages is a health care professional selected message.
88. (New) A self-care health monitoring module for coupling with a microprocessor-based unit, comprising:
- (a) a biological data monitor operating in conjunction with the microprocessor-based unit for sensing a biological quantity and producing a biological data signal representative of the biological quantity;
  - (b) signal processing circuitry for receiving the biological data signal and outputting a digital signal; and
  - (c) a plug-in signal interface for coupling the digital signal directly to the microprocessor of the micro-processor-based unit, the module being placed within a recess of the microprocessor-based unit.
89. (New) The health monitoring module of Claim 88, wherein the plug-in signal interface directly couples the digital signal to the microprocessor within the recess.
90. (New) A self-care health monitoring module for coupling with a microprocessor-based unit, comprising:
- (a) a biological data monitor operating in conjunction with the microprocessor-based unit to perform a biological data test sequence in which the biological data monitor senses a biological quantity and produces a biological data signal representative of the biological quantity;

- (b) signal processing circuitry for receiving the biological data signal and outputting a digital signal; and
  - (c) a plug-in signal interface for coupling the digital signal directly to the microprocessor of the micro-processor-based unit.
91. (New) The health monitoring module of Claim 90, wherein the plug-in signal interface includes a cable connected between the microprocessor-based unit and the health monitoring module.
92. (New) The health monitoring module of Claim 90, wherein the plug-in signal interface directly couples the digital signal to the microprocessor within the recess.
93. New) The health monitoring module of Claim 90, the module being placed within a recess of the microprocessor-based unit.
94. (New) A self-care health monitoring module for coupling with a microprocessor-based unit, comprising:
- (a) a biological data monitor operating in conjunction with the microprocessor-based unit for sensing a biological quantity and producing a biological data signal representative of the biological quantity;
  - (b) signal processing circuitry for receiving the biological data signal and outputting a digital signal; and
  - (c) a plug-in signal interface for coupling the digital signal to the microprocessor of the micro-processor-based unit, the module being placed within a recess of the microprocessor-based unit.
95. (New) The health monitoring module of Claim 94, wherein the plug-in signal interface directly couples the digital signal to the microprocessor within the recess.
96. (New) The health monitoring module of any of Claims 88 - 95, wherein the biological quantity sensing includes measuring a blood glucose level.
97. (New) The health monitoring module of any of Claims 88 - 95, wherein the biological quantity sensing includes measuring an air flow.

98. (New) The health monitoring module of any of Claims 88 - 95, wherein the biological quantity sensing includes measuring a quantity selected from the group consisting of blood pressure, pulse and body temperature.
99. (New) The health monitoring module of any of Claims 88 - 95, wherein the microprocessor-based unit comprises a hand-held processing unit.
100. (New) The health monitoring module of Claim 99, wherein the hand-held unit comprises a compact video game console.
101. (New) The health monitoring module of Claim 100, wherein the compact video game console comprises a GAME BOY® unit.
102. (New) The health monitoring module of any of Claims 88 - 95, wherein the hand-held unit comprises a palm-top computer.
103. (New) A method of operating a microprocessor-based unit for manipulating/analyzing glucose data in handling a diabetic condition, comprising signal-coupling a glucose monitor to a microprocessor-based unit by plugging the glucose monitor into a recess in the microprocessor-based unit.
104. (New) The method of Claim 103, further comprising communicating a first command to the microprocessor-based unit for initiating a transmission of glucose data from the glucose monitor to the microprocessor-based unit.
105. (New) The method of Claim 104, further comprising communicating a second command to the microprocessor-based unit for displaying information on a display of the microprocessor-based unit relating to the diabetic condition based on the glucose data transmitted from the glucose monitor.
106. (New) The method of Claim 104, further comprising communicating a second command to the microprocessor-based unit for interactively manipulating the glucose data on a display.
107. (New) The method of Claim 103, further comprising communicating a command to the microprocessor-based unit for displaying information on a display of the microprocessor-based unit relating to the diabetic condition based on the glucose data transmitted from the glucose monitor.

108. (New) The method of Claim 103, further comprising communicating a first command to the microprocessor-based unit for establishing a link between the microprocessor-based unit and a personal computer.
109. (New) The method of Claim 108, further comprising communicating a second command for initiating a transmission of data from the personal computer to the microprocessor-based device.
110. (New) The method of Claim 103, further comprising communicating a first command to the microprocessor-based unit for establishing a link between the microprocessor-based unit and a remote server.
111. (New) The method of Claim 110, further comprising communicating a second command for initiating a transmission of data from the remote server to the microprocessor-based device.
112. (New) The method of Claim 111, wherein the data transmitted from the remote server to the microprocessor-based device was transmitted to the remote server from another remote processing device linked to the server.
113. (New) The method of Claim 110, further comprising communicating a second command for initiating a transmission of data from the microprocessor-based device to the remote server.
114. (New) The method of Claim 113, further comprising communicating a first command to the microprocessor-based unit for interactively manipulating the glucose data on a display.
115. (New) A method of operating a microprocessor-based unit which is signal connectable with a glucose monitor for processing glucose data in handling a diabetic condition, comprising:
  - direct signal connecting a glucose monitor to a microprocessor-based unit;
  - measuring a blood glucose level with the blood glucose monitor; and
  - directly transmitting a blood glucose signal corresponding to the blood glucose level from the glucose monitor to the microprocessor-based unit.

116. (New) The method of Claim 115, further comprising communicating a first command to the microprocessor-based unit for establishing a link between the microprocessor-based unit and a remote server which is configured into a network for being connectable with multiple processing devices.
117. (New) The method of Claim 116, further comprising communicating a second command for initiating a transmission of data relating to the diabetic condition from the remote server to the microprocessor-based device.
118. (New) The method of Claim 117, wherein the data transmitted from the remote server to the microprocessor-based device was transmitted to the remote server from another remote processing device linked to the server.
119. (New) The method of Claim 116, further comprising communicating a second command for initiating a transmission of data relating to the diabetic condition from the microprocessor-based device to the remote server.
120. (New) The method of Claim 116, further comprising communicating a second command to the microprocessor-based unit for interactively manipulating the glucose data on a display.
121. (New) The method of Claim 116, further comprising communicating a second command to the microprocessor-based unit for displaying information on a display of the microprocessor-based unit relating to the diabetic condition based on the glucose data transmitted from the glucose monitor.
122. (New) The method of Claim 116, further comprising communicating a second command to the microprocessor-based unit for establishing a link between the microprocessor-based unit and a personal computer.
123. (New) The method of Claim 122, further comprising communicating a third command for initiating a transmission of data relating to the diabetic condition from the personal computer to the microprocessor-based unit.
124. (New) The method of Claim 116, further comprising communicating a second command to the microprocessor-based unit for initiating a transmission of glucose data from the glucose monitor to the microprocessor-based unit.

125. (New) A method of operating a microprocessor-based unit which is connectable with a glucose monitor for processing glucose data in handling a diabetic condition, comprising:
- direct signal connecting the glucose monitor to the microprocessor-based unit by connecting a cable between the glucose monitor and the microprocessor-based unit;
- measuring a blood glucose level; and
- directly transmitting a blood glucose signal corresponding to the blood glucose level from the glucose monitor to the microprocessor-based unit.
126. (New) The method of Claim 125, further comprising:
- communicating a first command to the microprocessor-based unit for establishing a link between the microprocessor-based unit and a personal computer; and
- communicating a second command for initiating a transmission of data relating to the diabetic condition from the personal computer to the microprocessor-based device.
127. (New) The method of Claim 126, further comprising communicating a third command to the microprocessor-based device for initiating a transmission of glucose data from the glucose monitor to the microprocessor-based unit.
128. (New) The method of Claim 126, further comprising communicating a third command to the microprocessor-based unit for interactively manipulating the glucose data on a display.
129. (New) The method of Claim 126, further comprising communicating a third command to the microprocessor-based unit for displaying information on a display of the microprocessor-based unit relating to the diabetic condition based on the glucose data transmitted from the glucose monitor.
130. (New) A method of operating a microprocessor-based unit for manipulating/analyzing glucose data in handling a diabetic condition, comprising:
- direct signal-coupling a glucose monitor to a microprocessor-based unit by plugging the glucose monitor into a recess in the microprocessor-based unit;
- measuring a blood glucose level with the glucose monitor; and



directly transmitting a glucose signal corresponding to the measured glucose level from the glucose monitor to the microprocessor-based unit.

131. (New) The method of Claim 130, further comprising:

communicating a first command to the microprocessor-based unit for establishing a link between the microprocessor-based unit and a personal computer; and

communicating a second command for initiating a transmission of data relating to the diabetic condition from the personal computer to the microprocessor-based device.

132. (New) The method of Claim 131, further comprising communicating a third command to the microprocessor-based device for initiating a transmission of glucose data from the glucose monitor to the microprocessor-based unit.

133. (New) The method of Claim 131, further comprising communicating a third command to the microprocessor-based unit for interactively manipulating the glucose data on a display.

134. (New) The method of Claim 131, further comprising communicating a third command to the microprocessor-based unit for displaying information on a display of the microprocessor-based unit relating to the diabetic condition based on the glucose data transmitted from the glucose monitor.

135. (New) A blood glucose monitoring system comprising:

a. a blood glucose monitor for receiving a test strip including a reagent impregnated portion having blood applied thereto, the blood glucose monitor for monitoring a blood glucose level and for producing digitally encoded blood glucose level signals representative of said blood glucose level;

b. a programmable microprocessor-based interactive handheld unit including:

- 1) a display for displaying information;
- 2) a plurality of switches operable for interactively controlling said microprocessor-based interactive handheld unit and for manipulating said information displayed on said display; and
- 3) a circuit coupled to said plurality of switches for generating display signals in response to said operation of said switches;

c. a digital data storage medium, the medium

- A. readable by said programmable micro-processor based unit; and
  - B. tangibly embodying therein a program of instructions executable by said programmable microprocessor-based interactive handheld unit, said program of instructions including instructions for displaying information on said display in an interactive manner in response to said signals generated by said circuit and based upon said digitally encoded health signals and further for monitoring whether a sufficient amount of blood has been applied to said reagent impregnated portion of the test strip;
  - d. a signal interface connected in signal communication with said programmable microprocessor-based interactive handheld unit and said blood glucose monitor for coupling said digitally encoded health signals supplied by said blood glucose monitor to said programmable microprocessor-based interactive handheld unit; and
  - e. a signal processor connected in signal communication with said signal interface for performing signal processing functions in accordance with said program of instructions.
136. (New) The system of Claim 135, wherein said microprocessor-based interactive handheld unit is a palm-top computer.
137. (New) The system of Claim 135, the program of instructions further comprising instructions for monitoring whether said test strip is properly inserted into the monitor.
138. (New) A blood glucose monitoring system comprising:
- a. a blood glucose monitor for receiving a test strip including a reagent impregnated portion having blood applied thereto, the blood glucose monitor for monitoring a blood glucose level and for producing digitally encoded blood glucose level signals representative of said blood glucose level;
  - b. a programmable microprocessor-based interactive handheld unit including:
    - 1) display for displaying information;
    - 2) a plurality of switches operable for interactively controlling said microprocessor-based interactive handheld unit and for manipulating said information displayed on said display; and
    - 3) a circuit coupled to said plurality of switches for generating display signals in response to said operation of said switches;
  - c. a digital data storage medium, the medium
    - A. readable by said programmable micro-processor based unit; and

- B. tangibly embodying therein a program of instructions executable by said programmable microprocessor-based interactive handheld unit, said program of instructions including instructions for displaying information on said display in an interactive manner in response to said signals generated by said circuit and based upon said digitally encoded health signals and further for monitoring whether said test strip is properly inserted into the monitor;
  - d. a signal interface connected in signal communication with said programmable microprocessor-based interactive handheld unit and said blood glucose monitor for coupling said digitally encoded health signals supplied by said blood glucose monitor to said programmable microprocessor-based interactive handheld unit; and
  - e. a signal processor connected in signal communication with said signal interface for performing signal processing functions in accordance with said program of instructions.
139. (New) The system of Claim 138, wherein said microprocessor-based interactive handheld unit is a palm-top computer.
140. (New) A blood glucose monitoring system comprising:
- a. a blood glucose monitor for receiving a test strip including a reagent impregnated portion having blood applied thereto, the blood glucose monitor for monitoring a blood glucose level and for producing digitally encoded blood glucose level signals representative of said blood glucose level;
  - b. a programmable microprocessor-based interactive handheld unit including:
    - 1) a display for displaying information;
    - 2) a plurality of switches operable for interactively controlling said microprocessor-based interactive handheld unit and for manipulating said information displayed on said display; and
    - 3) a circuit coupled to said plurality of switches for generating display signals in response to said operation of said switches;
  - c. a digital data storage medium, the medium
    - A. readable by said programmable micro-processor based unit; and
    - B. tangibly embodying therein a program of instructions executable by said programmable microprocessor-based interactive handheld unit, said program of instructions including instructions for displaying information on said display in an interactive manner in response to said signals generated by said circuit and based upon said digitally encoded health signals;

- d. a signal interface connected in signal communication with said programmable microprocessor-based interactive handheld unit and said blood glucose monitor for coupling said digitally encoded health signals supplied by said blood glucose monitor to said programmable microprocessor-based interactive handheld unit; and
  - e. a signal processor connected in signal communication with said signal interface for performing signal processing functions in accordance with said program of instructions.
141. (New) The system of Claim 140, wherein said microprocessor-based interactive handheld unit is a palm-top computer.
142. (New) A blood glucose monitoring system comprising:
- a. a blood glucose monitor for receiving a test strip including a reagent impregnated portion having blood applied thereto, the blood glucose monitor for monitoring a blood glucose level and for producing digitally encoded blood glucose level signals representative of said blood glucose level;
  - b. a programmable microprocessor-based interactive handheld unit including:
    - 1) a display for displaying information;
    - 2) a plurality of switches operable for interactively controlling said microprocessor-based interactive handheld unit and for manipulating said information displayed on said display; and
    - 3) a circuit coupled to said plurality of switches for generating display signals in response to said operation of said switches;
  - c. a digital data storage medium, the medium
    - A. readable by said programmable micro-processor based unit; and
    - B. tangibly embodying therein a program of instructions executable by said programmable microprocessor-based interactive handheld unit, said program of instructions including instructions for displaying information on said display in an interactive manner in response to said signals generated by said circuit and based upon said digitally encoded health signals and further for performing a test sequence to confirm that the system is operating properly;
  - d. a signal interface connected in signal communication with said programmable microprocessor-based interactive handheld unit and said blood glucose monitor for coupling said digitally encoded health signals supplied by said blood glucose monitor to said programmable microprocessor-based interactive handheld unit; and

- e. a signal processor connected in signal communication with said signal interface for performing signal processing functions in accordance with said program of instructions.
- 143. (New) The system of Claim 142, wherein said microprocessor-based interactive handheld unit is a palm-top computer.
  - 144. (New) The system of Claim 142, the program of instructions including instructions for monitoring whether said test strip is properly inserted into the monitor.
  - 145. (New) The system of Claim 142, the program of instructions including instructions for monitoring whether a sufficient amount of blood has been applied to said reagent impregnated portion of the test strip.

If there are any additional charges, please charge Deposit Account No. 02-2666.

Respectfully submitted,

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